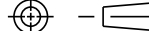


SPECIFICATION DETAILS:			
STANDARD:		CONFORMS TO MS2433I-1 (MIL-PRF-8805/40), EXCEPT AS NOTED	
CONSTRUCTION:			
ENCLOSURE DESIGN		RESILIENT SEAL PER MIL-PRF-8805, SYMBOL 4	
CONTACT MATERIAL & CONFIGURATION		24K SOLID GOLD OVERLAY	
CIRCUIT CONFIGURATION		SPDT	
TERMINATION		LEADWIRE PER BMS13-16, CONNECTOR PER BACC63BPI2B3PN BACKSHELL PER BACC10KA12	
WEIGHT		0.41 LBS MAX	
EXPOSED METALS		CORROSION RESISTANT STAINLESS STEEL UNLESS NOTED OTHERWISE	
O-RING MATERIAL		SILICONE	
ELECTRICAL CHARACTERISTICS:			
ELECTRICAL RATINGS			
-SEA LEVEL -50,000 FEET		<u>VOLTAGE</u> 28 VDC 28 VDC	<u>RESISTIVE</u> 1 AMP 1 AMP
			<u>LOAD INDUCTIVE</u> .5 AMP .5 AMP
DIELECTRIC STRENGTH & INSULATION RESISTANCE			
-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL -BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS -BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE		<u>DIELECTRIC STRENGTH</u> (≈ 60 Hz. FOR 5 SECONDS)	<u>INSULATION RESISTANCE</u> (500 VDC ±10%)
		1000 V Rms, 500μA (MAX LEAKAGE)	1000 Megohms MIN
		1000 V Rms, 500μA (MAX LEAKAGE)	1000 Megohms MIN
		1000 V Rms, 500μA (MAX LEAKAGE)	1000 Megohms MIN
SWITCH RESISTANCE		N/A	
RECOMMENDATION OR USE IN APPLICATIONS LESS THAN .5 amps AND/OR 12 volts		YES	
MECHANICAL CHARACTERISTICS:			
CHARACTERISTICS:			
OPERATING FORCE		6-12 LBS	
FULL OVERTRAVEL FORCE		30 LB MAX	
RELEASE FORCE		4 LB MIN	
PRETRAVEL		.040 MAX	
DIFFERENTIAL TRAVEL		.020 MAX	
OVERTRAVEL		.500 MIN	
MOUNTING STRENGTH		15 IN-LBS	
ACTUATOR STRENGTH		30 LBS APPLIED IN A DIRECTION TO CAUSE SWITCH ACTUATION	
LIFE:			
MECHANICAL/ELECTRICAL LIFE		50,000 MIN PER BNF04-HSV-C98-046	
ENVIRONMENTAL:			
TEMPERATURE RANGE		-55° C TO +85° C	
ALTITUDE RANGE		SEA LEVEL TO 50,000 FEET	
SHOCK		PER MIL-PRF-8805 SYMBOL M - 100 g	
VIBRATION		PER BCAG D6-81926, ZONE 5, FIGS 6-1 & 6-5	
MOISTURE RESISTANCE		PER MIL-PRF-8805 (10 DAY TEST)	
THERMAL SHOCK		PER MIL-PRF-8805 (5 CYCLE TEST)	
SALT SPRAY		PER MIL-PRF-8805 (96 HOUR TEST)	
EXPLOSION		PER MIL-PRF-8805 & MIL-STD-202 METHOD 109	

THIRD ANGLE PROJECTION		
		
SCALE	:	
DO NOT SCALE PRINT		
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.0)	± .030
TWO PLACES	(.00)	± .015
THREE PLACES	(.000)	± .005
ANGLES		±
WEIGHT		